

1/21/82 DRAFT

CLOSURE COST ESTIMATE CHECK

I. FACILITY INFORMATION

EPA ID # \_\_\_\_\_

Address \_\_\_\_\_

Owner \_\_\_\_\_  
(name & phone number)

Operator \_\_\_\_\_  
(name & phone number)

TYPE (circle all that apply) S (C/T/D/P) I LF LT SI CPBT TT UI

Size of Facility (acres and/or volume) \_\_\_\_\_

II. INVENTORY DISPOSAL

1. Fill-in following table:

	Off-Site Disposal	On-Site Disposal
Inventory (tons)		
Residues (tons)		
Total (tons)	(a)	(b)

2. Off-site disposal cost (except for hauling)  
factor

Incinerator	- \$100-200/ton
Landfill	- \$ 80-150/ton
Surface Impoundment	- \$ 10- 30/ton
Land Treatment	- \$ 10- 40/ton

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3. Off-site disposal cost (except for hauling)  
= [1(a) x Line 2]

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R00337275  
RCRA RECORDS CENTER

4. Off-site disposal hauling factor  
[\$.02 - .10/ton mile]

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5. Number of miles to off-site disposal

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6. Off-site disposal hauling cost  
[Line 4 x Line 5]

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7. Total off-site disposal cost  
[Line 3 + Line 6]

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8. On-site disposal cost factor

Incinerator	- \$39-160/ton
Landfill	- \$24-120/ton
Surface Impoundment	- \$ 3- 24/ton
Land Treatment	- \$ 3- 32/ton

9. On-site disposal cost  
= [1(b) x Line 8]

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10. Total inventory disposal cost  
[Line 7 = Line 9]  
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### III. DECONTAMINATION AND DECOMMISSIONING

11. Fill-in following table:

	Off-Site Disposal	On-Site Disposal
Contaminated Soil (tons)		
Wastewater (tons)		
Total (tons)	(a)	(b)

12. Off-site decontamination cost (except for hauling)  
factor

Incinerator	- \$100-200/ton
Landfill	- \$ 80-150/ton
Surface Impoundment	- \$ 10- 30/ton
Land Treatment	- \$ 10- 40/ton

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2/8/6

3/8/6

13. Off-site decontamination cost (except for hauling) = [11(a) x Line 12]

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14. Off-site hauling factor  
[\$.02 - .10/ton mile]

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15. Number of miles to off-site disposal

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16. Off-site hauling cost  
[Line 14 x Line 15]

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17. Total off-site decontamination cost  
[Line 13 + Line 16]

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18. On-site decontamination cost factor

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Incinerator	-\$30-160/ton
Landfill	-\$24-120/ton
Surface Impoundment	-\$ 3- 24/ton
Land Treatment	-\$ 3- 32/ton

19. On-site decontamination cost  
= [11(b) x Line 18]

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20. Total decontamination cost

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IV. GROUNDWATER MONITORING

21. Number of wells

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22. Groundwater monitoring cost factort  
[\$200 - 500/well]

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23. Groundwater monitoring cost  
[Line 21 x Line 22]

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V. CERTIFICATION

24. Hours of professional engineer time

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25. Professional engineer cost factor  
[\$50 - 100/hour]

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26. Certification cost  
[Line 24 x Line 25]

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VI. COVER

26. Acres not covered
27. Depth of cover
28. Cost of clay cover factor  
[\$500 - 1,500/per foot per acre]
29. Cost of clay cover  
[Line 26 x Line 27 x Line 28]
30. Cost of synthetic liners factor  
[\$500 - 20,000/acre]
31. Cost of synthetic liners  
[Line 26 x Line 30]
32. Cost of cover  
[Line 29 + Line 31]


VII. VEGETATION

33. Acres not vegetated
34. Cost of vegetation factor  
[\$400 - 1,500/acre]
35. Cost of vegetation  
[Line 33 x Line 34]


VIII. OTHER (SPECIFY)

36. \_\_\_\_\_
37. \_\_\_\_\_
38. \_\_\_\_\_
39. \_\_\_\_\_
40. \_\_\_\_\_

41. Total other  
[Lines 36 through 40]

TOTAL COST

[Line 10 + Line 20 + Line 23 +  
Line 26 + Line 32 + Line 35 +  
Line 41]

IX. INFLATION ADJUSTMENT

[If facility visit takes place after May 19, 1982]

1. Total cost estimate from above
2. Inflation factor
3. Adjusted cost estimate  
[Line 1 x Line 3]

CLOSURE COST ESTIMATES COMPARISON

	Estimated Closure Costs		Percentage Difference $\frac{b-a}{a} \times 100$	Remarks
	From Form (a)	From Plan (b)		
I. Inventory Disposal (Line 10)				
II. Decontamination (Line 20)				
III. Groundwater Monitoring (Line 23)				
IV. Certification (Line 26)				
V. Cover (Line 32)				
VI. Vegetation (Line 35)				
VII. Other (Line 41)				
TOTAL				